

AMENDMENTS IN THE SPECIFICATION

Please amend the specification as follows, to correct a missing definition for a gene well-known to those in the art in Table 2.

Pages 60-61, Table 2 Please replace Table 2 on pages 60-61 with the following amended

Table 2:

Table 2. Cell Growth and Differentiation Selected Panel

BIRC5 (Survivin)	Apoptosis Inhibitor
NFKB1	NF-kappaB
CDKN2A (P16)	Cell cycle inhibitor
TP53 (P53)	Tumor suppressor
TNFA	Tumor Necrosis Factor alpha
TERT	Telomerase Catalytic Subunit
BCL2	Represses Apoptosis
BAX	Promotes Apoptosis
CASP1 (ICE)	Interleukin Converting Enzyme
GADD45A	Growth arrest protein
TNFRSF11A (RANK)	Receptor activator of NFkB
PDCD8 (AIF)	Apoptosis Inducing Factor
Apaf-1	Apoptotic protease activating factor 1
DFFB (DFF40)	Caspase activated DNase
BAIAP3 (IAP1, BIRC3)	Inhibitor of apoptosis protein 1 (BAI-associated protein 3)
BIRC2 (IAP2)	Inhibitor of apoptosis protein 2
Bik	BCL2 interacting killer
BCL2L1 (BCL-X)	BCL2-Like 1
DAD1	Defender against cell death 1
MADD	MAP Kinase activating death domain
MAP3K14	Mitogen-activated protein kinase kinase kinase 14
PTEN	Protein tyrosine phosphatase
k-alpha-1	Alpha tubulin (housekeeping, high abundance)
TOSO	Anti-fas induced apoptosis
cdk2	Cyclin dependent kinase 2
cdk4	Cyclin dependent kinase 4
CASP 3	Apoptosis-related cysteine protease, 3

CASP 9	Apoptosis-related cysteine protease, 9
RAD52	DNA ds break repair
XRCC5 (Ku80)	X-ray repair complementing defective repair in Chinese hamster cells 5
PNKP	<u>Polynucleotide kinase 3' phosphatase</u>
MRE11A	Meiotic recombination 11 homolog A
CCND1 (cyclin D1)	PRAD1: parathyroid adenomatosis 1
CCND3 (cyclin D3)	Cyclin D3
CCNE1 (cyclin E)	Cyclin E
CCNA2 (cyclin A)	Cyclin A
CCNB1 (cyclin B)	Cyclin B
CDKN2B (p15)	Cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4)
CDKN1A (p21)	Cyclin-dependent kinase inhibitor 1A (p21, Cip1)
RB1	Retinoblastoma
BID	BH3 interacting domain death agonist
BAK1	BCL2-antagonist/killer 1
BAD	BCL2-antagonist of cell death
SMAC	Second mitochondria-derived activator of caspase
VDAC1	Voltage-dependent anion channel 1
CHEK1	Checkpoint, S.pombe, homolog of, 1
ABL1	v-abl Abelson murine leukemia viral oncogene homolog 1
TNFRSF12	Tumor necrosis factor receptor superfamily, member 12
TRADD	TNFRSF1A-associated via death domain
FADD	Fas (TNFRSF6) – associated via death domain
TRAF1	TNFR associated factor 1
TRAF2	TNFR associated factor 2